

# DTK-120/240HD2

100,000 Amp Residential/Light Commercial Surge Protective Device



## Product Features

- Designed to protect 120/240V split phase electrical panels
- Diagnostic LED indicates system power and SPD function
- 100,000 Amp per phase protection

## Applications

- Residential Service Panel
- Light Commercial Service Panel

## Accessories

- Flush Mount Kit – DTK-FMK

**DITEK's DTK-120/240HD2** is engineered to be the finest 120/240V surge protector in its class. The HD2 has robust surge protection components and low let-through voltage in a compact package. LED diagnostics provides positive indication of surge protection status. The HD series is perfect for residential or small commercial building surge protection.

## Technical Specifications

Service Voltage:	120/240 VAC Split (3W + G)
MCOV:	150/300V
Protection Modes:	L-G, L-N, N-G, L-L
Voltage Protection Rating (VPR):	600V L-G, L-N; 900V N-G; 1,000 L-L
Surge Current Rating:	100,000A/phase 50,000A/mode
SCCR:	100,000A
Nominal Discharge Current Rating ( $I_n$ ):	20kA
Operating Frequency:	50/60 Hz
UL 1449, 3 <sup>rd</sup> Ed, I Rating:	20,000A

## Mechanical Characteristics

Connection Method:	½" threaded NPT with waterproof fittings
Housing:	NEMA 4X
Operating Temperature:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.7"L x 2.4" W x 4.7"H (119mm x 61mm x 119mm)
Weight:	1.45 lb (657g)

## Quality, Standards & Approval

Agency Approvals:	UL 1449, cUL
Standards Compliance	IEEE Category B and C
Warranty:	Ten Year Limited Warranty

Every precaution has been taken to ensure that this literature is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.